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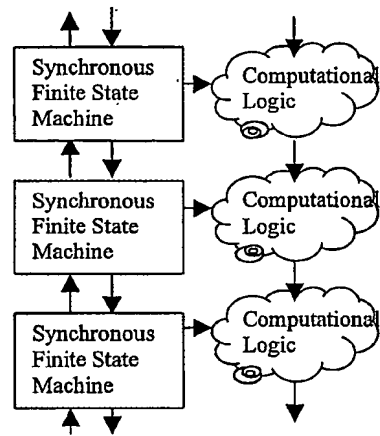

Figure 1

```
        Goto AfterTag
Self:
        Goto Self
        Tag ID Byte
        *
        *        }  Tag Specific
        *           Information
AfterTag:
```
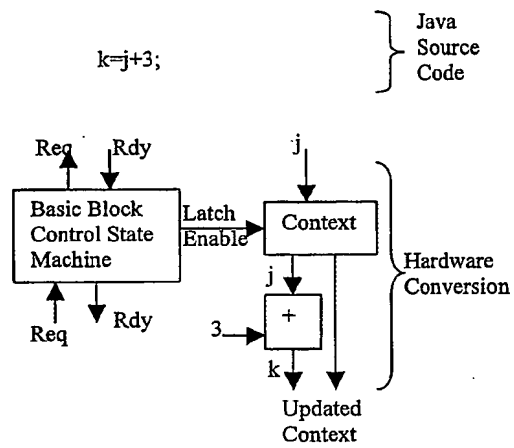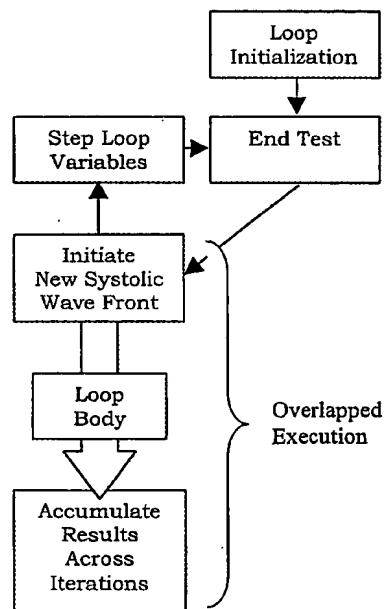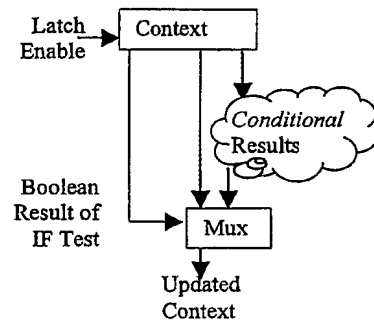
Figure 2

k=j+3;   Java
                                                Source
                                                Code

Req Rdy   j

Basic Block   Latch   Context   Hardware
Control State   Enable   Conversion
Machine   j

Req Rdy   3 →   +

                            k

                     Updated
                     Context

Figure 3

Figure 4

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Figure 5